

Amendments to the Claims:

This listing of claims will replace all prior versions and listing of claims in the application.

Listing of Claims:

1. (Currently Amended) An automatic analyzer ~~for automatically analyzing samples to obtain concentration of the test objects~~comprising:

a reaction vessel for reacting a sample and reagent;

an analysis part for analyzing a reaction in said reaction vessel,~~comprising:~~

and

display means for displaying an~~flow of setup operation flow,~~which is required for starting up said automatic analyzer, as plural~~having all operation steps upon start up of~~required for starting up said automatic analyzer, said starting up operation steps being displayed in boxes in a time series,

~~wherein said display means is provided with a function to displays~~ at least one of said operation steps, ~~said at least one operation step~~ required to be operated at a time of said starting up operation in one displaying manner, and another operation step that is not required to be operated at time of said starting up operation in another displaying manner~~requiring an operation at a time of said start up, differently from the remaining steps each of which requires no operation at the time of said start-up.~~

2. (Original) An automatic analyzer according to claim 1, wherein said

operation steps comprise at least one operation selected from maintenance operation of said analyzer, clearing operation of data, preparation operation of reagents to be used in analyses, setup operation of flow paths for said reagents to be used in said analyses, correction operation of the individual test objects, or quality control operation of the individual test objects.

3. (Original) An automatic analyzer according to claim 2, wherein, said maintenance operation of said analyzer is an operation step for managing an execution history of maintenance items of said automatic analyzer, and said display means is provided with a function such that, when there is a maintenance item left unexecuted beyond a predetermined number of days elapsed from the executed time of one maintenance, a box which indicates said operation step for said maintenance of said analyzer is displayed in a different color from other objects.

4. (Original) An automatic analyzer according to claim 2, wherein, said clearing operation of data is a step for clearing up past garbage data by an operator, and said display means is provided with a function such that, when there is garbage data to be cleared up, a box which indicates said operation step for said clearing of said data is displayed in a different color from other objects.

5. (Original) An automatic analyzer according to claim 2, wherein said

preparation operation of reagents to be used in analyses is an operation step for setting amounts of said reagents required to perform said analyses for a day, said display means is provided with a function such that, when there is an analysis item with respect to which the corresponding reagent is expected to become insufficient for performance in a day from the preset amount of the corresponding reagent, a box which indicates said operation step for said preparation operation of said reagents to be used in said analyses is displayed in a different color from other objects.

6. (Original) An automatic analyzer according to claim 2, wherein said setup operation of flow paths for reagents to be used in said analyses is an operation step for washing a flow path for a replaced reagent and priming a replacing reagent, as needed.

7. (Original) An automatic analyzer according to claim 2, wherein said correction operation of individual test objects is calibration of said individual analysis objects, and said display means is provided with a function such that, when there is an analysis object which requires execution of calibration, a box which indicates said operation step of correction of said individual test objects is displayed in a different color from other objects.

8. (Original) An automatic analyzer according to claim 2, wherein said quality

control operation of individual test objects is quality control operation of said individual analysis objects, and said display means is provided with a function such that, when there is an analysis object which requires execution of quality control operation, a box which indicates said operation step of quality control operation of said individual test objects is displayed in a different color from other objects.

9. (Currently Amended) An automatic analyzer according to claim 1, wherein a color of one of said boxes required for starting up operation is different from a color of another one of said boxes not required for starting up operation~~for automatically analyzing samples to obtain concentration of test objects, comprising:~~
~~———display means for displaying a operation flow of setup operation, which is required for starting up said automatic analyzer, as plural steps in boxes in an order of operation steps upon start up of said automatic analyzer,~~
~~———wherein said display means is provided with a function to display the box of said procedure step requiring an operation at a time of said start up, in a color different from that of the boxes of the remaining steps each of which requires no operation at the time of said start up.~~

10. (Original) An automated analysis system for placing samples, which are to be analyzed, in a sample rack, transporting via a transport line said rack with said samples placed thereon from a sample rack loading section to an analysis unit

connected to said transport line, and performing analyses of said samples,
comprising:

display means for displaying, on the same screen, an operation step display showing a flow of setup operation, which is required for starting up said automated analysis system, as plural operation steps and a configuration display section showing configuration of said automated analysis system upon start-up of said automated analysis system,

wherein said display means is provided with a function such that, when said operation steps includes one procedure step which requires an operation at a time of said start-up, said one procedure step is shown in said operation step display section differently from the remaining steps each of which requires no operation at the time of said start-up and a unit associated with said one procedure step is shown in said configuration display section differently from units associated with said remaining steps each of which requires no operation at the time of said start-up.